EXT: Yahoo Weather (mv)

Extension Key: **mv_yahoo_weather**

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- a GNU/GPL CMS/Framework available from www.typo3.com

Table of Contents

EXT: Yahoo Weather (mv) **1**
- **Introduction** **1**
  - What does it do? 1
- **Screenshots** **2**
  - Extension in Extension Manager 2
  - Extension Insertion & Configuration (via FlexForm as Page Content) 2
  - Extension Insertion & Configuration (via TypoScript-Template) 2
  - Example Output Frontend 3
- **User Manual** **4**
  - Step 1: Get Yahoo(tm) Location Code 4
  - Step 2a: Insert the Extension in your page (via FlexForm as Page Content) 4
  - Step 2b: Insert the Extension in your page (via TypoScript-Template) 5
- **Adminstration** **6**
- **Configuration & Files** **6**
  - Configuration Options 6
  - Included Files & Templates 6
- **Known problems** **7**
- **To-Do list** **7**
- **Changelog** **7**
  - Version 0.0.1, 29.04.2007 7
  - Version 0.0.2, 29.04.2007 7
  - Version 0.0.3, 30.04.2007 7
  - Version 0.0.4, 10.05.2007 7
- **Important Notes** **8**
- **Thanks to** **8**

Introduction

What does it do?

The extension "**Yahoo Weather (mv)**" makes it possible to show the free YAHOO (tm) weather forecast rss on your site for any location! You don't even need an account of YAHOO (tm) for this! Just Plug'n'Play...Only two steps are necessary to get it run:

- Go to http://weather.yahoo.com to get the location code (described in tutorial later)
- Insert the extension on your site! (Thats all)

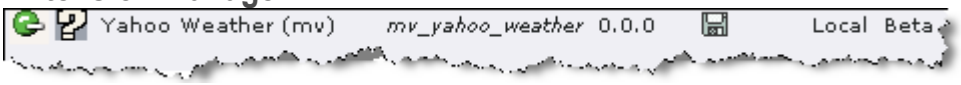
Take a look at the screenshots. The extension has 1 central **template** that can be changed to your needs!

This extension is based on the class "Weather", that was also developed by me. Get original version from the following website:

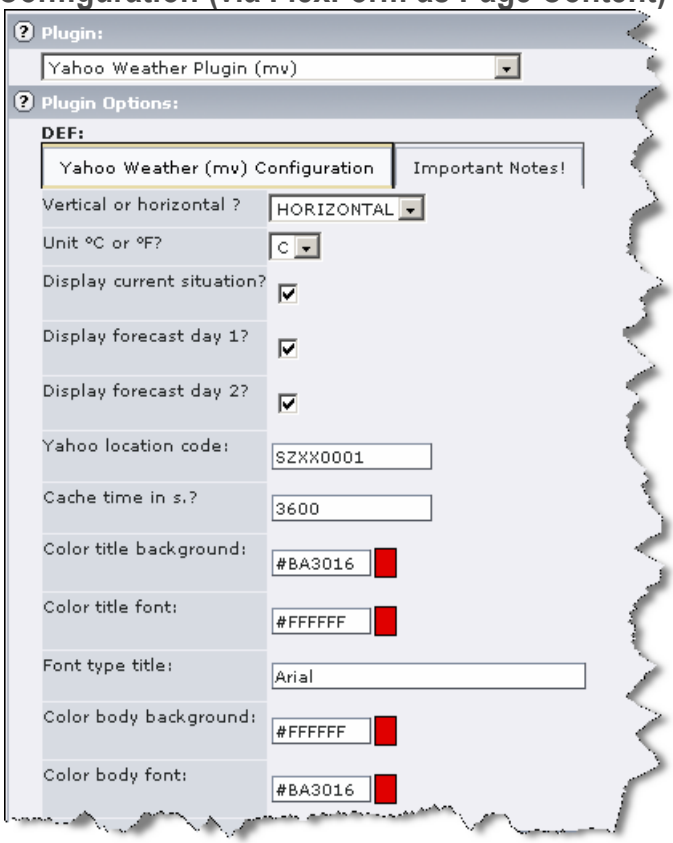
http://www2.voegeli.li/no_cache/code-tutorials/php-scripts/class-weather-v2.html

Screenshots

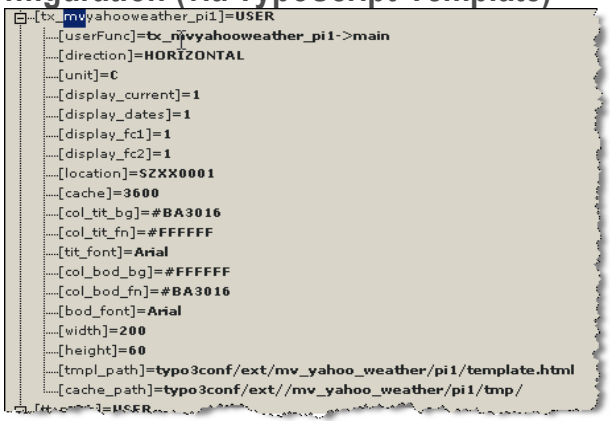
Extension in Extension Manager



Extension Insertion & Configuration (via FlexForm as Page Content)



Extension Insertion & Configuration (via TypoScript-Template)



Example Output Frontend

Weather Aarau, Switzerland

Current Situation 30 Apr 2007	Forecast Day 1 30 Apr 2007	Forecast Day 2 01 May 2007
 fair 13°C Sunrise 6:14 am Sunset 8:37 pm	 **scattered thunderstorms** 8 °C (Low) 21°C (High)	 **fair** 9 °C (Low) 21°C (High)

User Manual

This user manual now shows you how to use this extension.

Step 1: Get Yahoo(tm) Location Code

- Go to http://weather.yahoo.com
- Choose your location: Go to the forecast (in your browser) of the location you want to display on your site.
- Get the location code as described in the following screenshots:

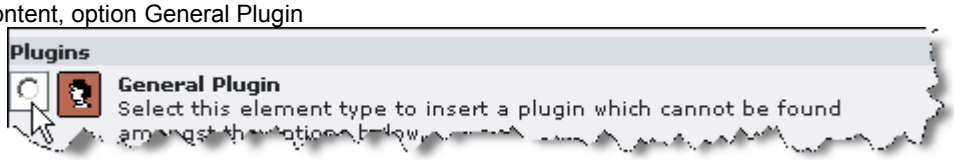
Forecast example

Get location code from browser address field

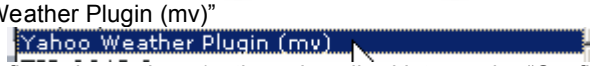
- In this example "**SZXX0001**" is the Yahoo(tm) location code! Write it on a paper to have it later.

Step 2a: Insert the Extension in your page (via FlexForm as Page Content)

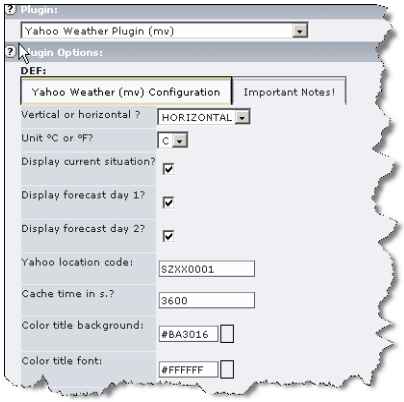
- (You must have downloaded and installed this extension mv_yahoo_weather, using your Extension Manager before)
- Insert content, option General Plugin



- Chose the entry "Yahoo Weather Plugin (mv)"

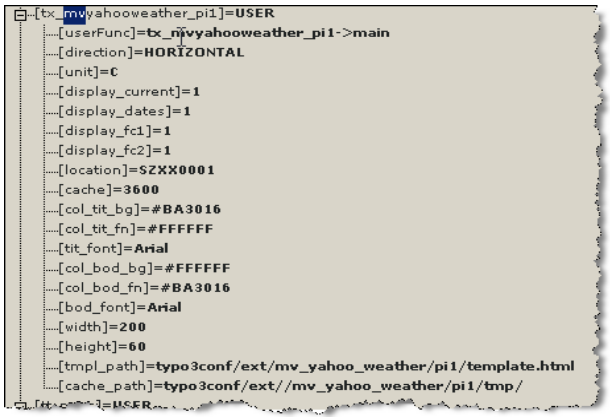


- Configure the flexform configuration options (options described later under "Configuration")



Step 2b: Insert the Extension in your page (via TypoScript-Template)

Since version 0.0.4 you have the possibility to use this extension with TypoScript, as shown in the following picture. You can set all parameters to insert the plugin, using TypoScript.



➔ Note: The configuration via FlexForm has always first priority. If no parameters are set in the FlexForm, or 1 or more parameter-values are missing, then automatically TypoScript-Template config will be relevant! Both – FlexForm and TypoScript-Template are prefilled with the default-values, mentionned in the part “Configuration Options”.

Adminstration

From time to time **clear the content of the folder "p1/tmp/" (or any other configured cache-folder!)**! This removes cache versions of unused locations!

Configuration & Files

Configuration Options

Property / File:	Data type:	Description:	Default:
Vertical or horizontal?	select	Show boxes beside each other (horizontal) or down (vertical)?	horizontal
Unit °C or °F?	select	Temperature unit C or F	C
Display current situation?	check	If checked, the a box is shown with the current weather situation (if not checked box isn't shown)	true
Display Forecast Day 1?	check	If checked, the a box is shown with the forecast day 1 (if not checked box isn't shown)	true
Display Forecast Day 2?	check	If checked, the a box is shown with the forecast day 2 (if not checked box isn't shown)	true
Yahoo location code:	text	The Yahoo location code, as described in the part "Manual"	SZXX0001
Cache time in s.?	int	So many seconds is the internal weather cache valid. 3600 sec. = 1 hour (rss is parsed every hour...it doesn't make sense to reload it every page hit)	3600
Color title background:	color	Background color of the "Title". Can be chose by wizard.	#BA3016
Color title font?	color	Font color of the "Title". Can be chose by wizard.	#FFFFFF
Font type title?	text	Font type of the title (ex. Arial)	Arial
Color body font?	color	Font color of the "Content/body". Can be chose by wizard.	#BA3016
Color body background?	color	Background color of the "Content/body". Can be chose by wizard.	#FFFFFF
Font type body?	text	Font type of the Content (ex. Arial)	Arial
Single cell width:	int	Width of 1 box (table cell)	200
Height of content cell:	int	Height of 1 box (table cell). **Is necessary to get all shown boxes to the same height!**	60
Template path:	text	Path & File to the central template file, default: typo3conf/ext/mv_yahoo_weather/pi1/template.html	←
Cache path:	text	Path (Directory only) for the cache files of the weather class, default: typo3conf/ext/mv_yahoo_weather/pi1/tmp/	←
Display dates in header:	check	If true (default), then dates are shown in the header cell of the boxes	true

Included Files & Templates

Property / File:	Type	Description:	Default:
pi1/class.weather.php	CLASS	This is my weather class, used in this extension. Do not change.	-
pi1/class.xml.parser.php	CLASS	This is part of my weather class, used in this extension. Do not change.	-

Property / File:	Type	Description:	Default:
pi1/template.html	TMPL	**This is the central template, that can be modified by you!** **Variables Directory** **CURRENT SITUATION VARS** cur_title, title of the box cur_image, weather image from yahoo cur_temp, temperature and unit cur_text, condition text (-> editable in locallang_db.xml) cur_sunrise, time of sunrise cur_sunset, time of sunset **FORECAST VARS** fc_title, title of forecast box fc_image, weather image from yahoo fc_text, condition text (-> editable in locallang_db.xml) fc_temp, temperature and unit fc_spacer, a spacer -> internal use only **DESIGN VARS** width, width of a box table (editable via plugin flexform) height, of content cell (editable via plugin flexform) col_bod_fn, body font color (editable via plugin flexform) bod_font, body font type (editable via plugin flexform) col_bod_bg, body background color (editable via plugin flexform) tit_font, title font type (editable via plugin flexform) col_tit_fn, title font color (editable via plugin flexform) col_tit_bg, title background color (editable via plugin flexform)	-
locallang_db.xml	LANG	**This file contains all language constants. You can edit it or enhance for other languages.**	-

Known problems

At this time nothing is known. If you get an error, please report it to me: http://www2.voegeli.li/no_cache/contact.html

– The problem with insertion via TypoScript should be solved since version 0.0.4

– The problem of static path and file config should be solved since version 0.0.4

To-Do list

If you have some feature requests, please let me know: http://www2.voegeli.li/no_cache/contact.html

– Date output formatting configuration

Changelog

Version 0.0.1, 29.04.2007

- Initial Development Version, Uploaded to ter

Version 0.0.2, 29.04.2007

- Correction of class.weather.php and class.xmlparser.php to prevent PHP warnings
- Description of extension changed

Version 0.0.3, 30.04.2007

- This documentation was added
- Extension icon added

Version 0.0.4, 10.05.2007

- New configuration parameters: Template-File-Path, Cache-Path & Option “show dates”
- New TypoScript-Setup: Extension can be configured over TypoScript-Template, as known

Important Notes

Before you use this extension, read carefully the following “Important Notes”:

1) YAHOO(tm) WEATHER RSS FEED CONDITIONS (Terms of use)

Source: http://developer.yahoo.com/weather/#terms
The feeds are provided free of charge for use by individuals and non-profit organizations for personal, non-commercial uses. We ask that you provide attribution to Yahoo! Weather in connection with your use of the feeds.
If you provide this attribution in text, please use: "Yahoo! Weather." If you provide this attribution with a graphic, please use the Yahoo! Weather logo that we have included in the feed itself.
We reserve all rights in and to the Yahoo! Weather logo, and your right to use the Yahoo! Weather logo is limited to providing attribution in connection with these RSS feeds.
Yahoo! also reserves the right to require you to cease distributing these feeds at any time for any reason.

2) PLUGIN & CLASS AUTHOR

The author of this plugin and the included class is Marco Voegeli from Switzerland, Europe.
Webpage: http://www.voegeli.li
Contact: http://www2.voegeli.li/no_cache/contact.html
The author only provides a method for displaying the Yahoo (tm) weather rss content and is not responsible for the usage itself!

Thanks to...

Thanks to the following persons, which supported me with their knowledge & additional work:

- Alex from www.wunschtacho.de, Germany
- Patrick from www.dmr.ca, Canada

Provided by http://www.voegeli.li, 2007